

## EAST Search History

| Ref # | Hits  | Search Query   | DBs                             | Default Operator | Plurals | Time Stamp       |
|-------|-------|--|---------------------------------|------------------|---------|------------------|
| L1    | 11299 | 385/14,88-94,130-132.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | ON      | 2007/04/15 16:47 |
| L2    | 2960  | (substrate or wafer or board) and layer and interconnect and (waveguide or (wave near guide)) and (emit\$6 or transmit\$4) and (receiv\$5 or detect\$5) and light  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | ON      | 2007/04/15 16:59 |
| L3    | 577   | L1 and L2  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | ON      | 2007/04/15 16:50 |
| L5    | 2     | ((substrate or wafer or board) and layer and interconnect and (waveguide or (wave near guide)) and (emit\$6 and transmit\$4) and (receiv\$5 and detect\$5) and light and resin ).clm.  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | ON      | 2007/04/15 16:58 |
| L6    | 10    | ((substrate or wafer or board) and layer and interconnect and (waveguide or (wave near guide)) and (emit\$6 and transmit\$4) and (receiv\$5 and detect\$5) and light ). clm.   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | ON      | 2007/04/15 16:58 |
| L7    | 931   | "385"/\$6.ccls. and (substrate or wafer or board) and layer and (interconnect\$6 or wiring or conductor\$4 or contacts) and (waveguide or (wave near guide)) and (emit\$6 or transmit\$4) and (receiv\$5 or detect\$5) and electric\$4 and (optic\$4 or light) and resin | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | ON      | 2007/04/15 17:04 |
| S1    | 1     | 10/691085  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | ON      | 2006/01/21 18:30 |
| S2    | 1     | 10/691085 and (insulating near substrate)  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | ON      | 2006/01/21 18:33 |
| S3    | 1     | 10/691085 and (resin near layer)   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | ON      | 2006/01/21 18:37 |
| S4    | 1     | 10/691085 and (wave near guide)  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | ON      | 2006/01/21 18:43 |
| S5    | 9844  | 385/14,88-94,130-132.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | ON      | 2006/01/21 18:44 |

## EAST Search History

|     |       |   |                                 |    |    |                  |
|-----|-------|---|---------------------------------|----|----|------------------|
| S6  | 2392  | (substrate or wafer or board) and layer and interconnect and (waveguide or (wave near guide)) and (emit\$6 or transmit\$4) and (receiv\$5 or detect\$5) and light | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2006/01/21 18:47 |
| S7  | 467   | S5 and S6   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2006/06/28 12:16 |
| S8  | 81    | S5 and S6 and (resin)   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2006/01/22 13:24 |
| S9  | 10434 | 385/14,88-94,130-132.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2006/06/28 12:16 |
| S10 | 2603  | (substrate or wafer or board) and layer and interconnect and (waveguide or (wave near guide)) and (emit\$6 or transmit\$4) and (receiv\$5 or detect\$5) and light | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2006/06/28 12:16 |
| S11 | 519   | S9 and S10  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2006/12/22 10:52 |
| S12 | 10965 | 385/14,88-94,130-132.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2006/12/22 10:52 |
| S13 | 2819  | (substrate or wafer or board) and layer and interconnect and (waveguide or (wave near guide)) and (emit\$6 or transmit\$4) and (receiv\$5 or detect\$5) and light | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2006/12/22 10:52 |
| S14 | 551   | S12 and S13   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | ON | 2007/04/15 16:47 |